

UNITED STATES
PATENT AND TRADEMARK OFFICE



Patent Public Advisory Committee Quarterly Meeting

IT Update

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Please submit questions to ppac@uspto.gov

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- **Power Outage Overview**
- **USPTO IT Disaster Readiness**
- **IT Modernization Status**

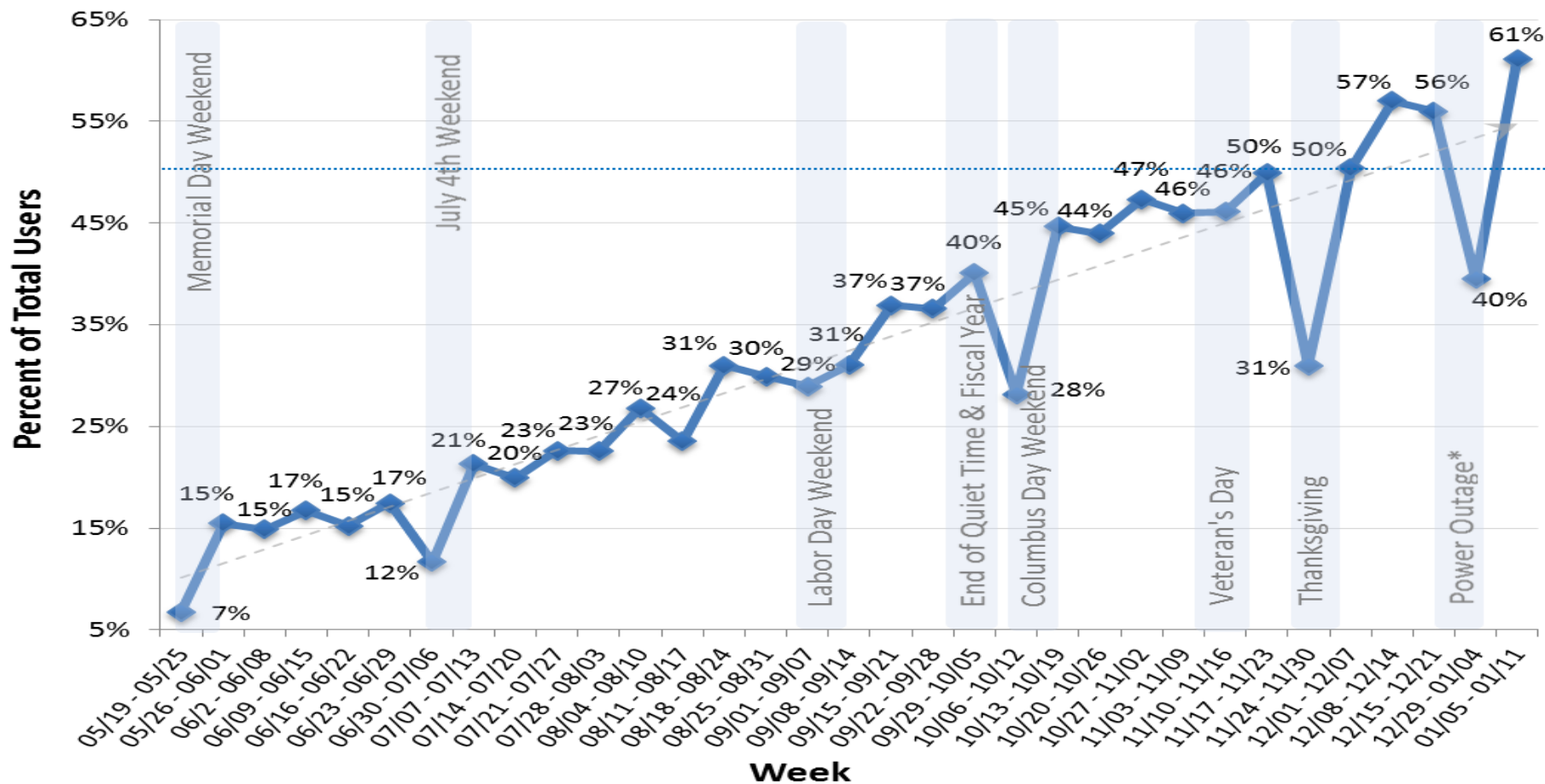
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Major PE2E Examination Products

Effort	Description	Release Date
Docket & Application Viewer (DAV)* in Examination Tools & Infrastructure (ET&I) project (replaces eDan)	Case management tool: docket with multiple views; planner to prioritize work; document, claims, application management; IDS viewer, electronic notes	Released Mar 2015 Enhancement released quarterly 508 Certification release Feb 2016
Official Correspondence (Office Actions/replaces OACS)	Authoring & workflow solution; integrates with DAV by leveraging notes, references, & dispositions	Production release target Dec 2016 Limited audience release Nov 2016 Pilot release Feb 2016
Examiner Search (replaces EAST/WEST)	Modern, scalable enterprise search for Patent Examiners	Production release target Dec 2016 Limited Audience Release Nov 2015 Pilot release Apr 2016
Cooperative Patent Classification (CPC)	Harmonization & modernization of classification jointly managed between USPTO & EPO. Facilitates collaborative maintenance of classification system	Released Jan 2013 Released enhancements Oct 2015
Central Enterprise Data Repository (CEDR)	Create new operational database to replace PALM that supports PE2E	Incremental releases for critical path items from above efforts

% of Total Users Accessing DAV 4+ Days/Week



PE2E Key Release: Examiner Search

Status

- Apr 2015: Development resumed on existing UI and technology based on same software used in GPSN and Assignments on the Web
- Apr 2015: Completed study on USPTO approach; validated current toolset
- Nov 2015: Release to limited audience; all search collections, 119M documents & 41TB data total

Next Steps

- Apr 2016: Pilot release focusing on performance and 508 compliance (delayed from March)
- Oct 2016: Pilot release of feature complete product
- Dec 2016: Release to Examination Corps

PE2E Key Release: Official Correspondence

Status

- Apr 2015: Completed 1st workflow prototype
- Apr 2015: Completed selection & validation of toolset, including MS Word 2013 based authoring tool
- Nov 2015: Completed first limited audience release (delayed from Sep 2015)
- Dec 2015, Jan 2016: Completed - Office 2013 release in USPTO resolves key dependency

Next Steps

- Feb 2016: Forms for LIEs, UI improvements
- Apr 2016: LIE workflow & mailing, additional Examiner web-based forms
- Aug 2016: Examiner workflow & mailing; complete Examiner forms; integration w/external systems
- Dec 2016: Release to Examination Corps

PE2E Key Release: Content Management System

Consolidates multiple content repositories into single, modern, highly available solution to reduce duplication & support distributed deployment to decrease downtime

Status

- Oct 2014: Completed code for migrating data to the CMS. Successfully tested migration of approx 4TB of IFW images into the new CMS non-production environment
- Nov 2015: 75TB of IFW data migrated; awaiting green light to turn on Patent Corps access
- Jan 2016: 70% of all IFW data available to the Patent Corps in the PE2E CMS (delay)

Next Steps

- Apr 2016: All IFW data will be available to the Patent Corps in the PE2E CMS (delay from Dec)
- Support migration of data from other legacy repositories

PE2E Key Release: Data for PE2E

Converts images to structured text (XML) that Examiners can use with analytical tools

Status

- Jun 2015: Approx 164M pages of Claims, Specifications, Abstracts, Remarks, Information Disclosure Statements, Petitions, and Briefings have been converted from image and are available to the Examiners in structured text
- December 2015: Approx 193M pages of Claims, Specifications, Abstracts, Remarks, Information Disclosure Statements, Petitions, and Briefings converted and available to Examiners with on-demand Optical Character Recognition & supporting user interface.

PE2E Key Release: Global Dossier

Public Access to Foreign Application Dossiers (GD-PAD)

Provide published US application dossier documents via web services for consumption by foreign IP Offices and a public-facing USPTO website to access foreign IP Office application documents

Status

- Jun 2015: Enabled web services for published US application documents for consumption by authorized IP5 Office public web pages
- Nov 2015: Launch USPTO Web Pages that offer IP community access to foreign IP Office published application documents

Next Steps

- Jul 2016: Develop UI for citation of Non-Patent Literature



PE2E Key Release: CPC Database

Enhance the Classification Allocation Tool (CAT) to support CPC Reclassification projects and create RESTful style classification web services for use by external legacy applications (replacing CDS services), and Next Gen applications - DAV and Enterprise Search Tools (EST)

Status

- Oct 2015: USPC to CPC concordance for examiners, cross-checking of contractor-assigned CPC allocations, and CAT-style user interface for Production Data Control System (PDCS).

Next Steps

- Feb 2016: Implement additional features for future CDS retirement; improve Business Continuity & Disaster Recovery; additional enhancements
- Apr 2016: Automate direct receipt of automatically-classified data



PE2E Key Release: CPC IP Office Collaboration Tools

Work with EPO to select and adapt web-based collaboration tools plus make required network and/or application changes. Provide examiners a message board-like environment to discuss classification issues and recommend revision projects.

Status

- Aug 2015: Create shared development environment with the EPO; delivered Scheme Navigator tool to support reclassification and revision activities.
- Nov 2015: Enhanced Scheme Navigator; implemented Definitions Editor implement federated identity management solution

Next Steps

- Feb 2016: Enhance Scheme Navigator and Definitions Editor
- May 2016: Implement staging area for testing of candidate classification sets



Questions and Comments

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